

01-23-02

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Patent
Attorney Docket: 271/088

To: Commissioner for Patents
Box Patent Application
Washington, D.C. 20231

JC903 U.S. PTO
10/053507
01/17/02

NEW APPLICATION TRANSMITTAL - UTILITY

Sir:

Transmitted herewith for filing is a **utility** patent application:

Inventor(s): Mark M. Wang, Eugene Tu, James P. O'Connell, Hyschang Zhang,
William F. Butler

Title: METHODS AND APPARATUS FOR GENERATING AND UTILIZING
LINEAR MOVING OPTICAL GRADIENTS

Priority Information:

This application is a continuation-in-part of Application Serial No. 09/993,377, filed November 14, 2001, entitled "Methods and Apparatus for Use of Optical Forces for Identification, Characterization and/or Sorting of Particles", which is a continuation-in-part of Application Serial No. 09/845,245, filed April 27, 2001, entitled "Methods and Apparatus for Use of Optical Forces for Identification, Characterization and/or Sorting of Particles", which is related to Application Serial No. 09/843,902, filed on April 27, 2001, entitled "System and Method for Separating Micro-Particles", with named inventor Osman Kibar, which claims priority from provisional Application Serial No. 60/248,451, entitled "Method and Apparatus for Sorting Cells or Particles", filed November 13, 2000. Those applications are incorporated herein by reference as if fully set forth herein.

I. PAPERS ENCLOSED HERewith FOR FILING UNDER 37 CFR § 1.53(b):

53 Page(s) of Written Description
2 Page(s) Claims
1 Page(s) Abstract
25 Sheets of Drawings ☐ Informal ☒ Formal

OC-101455.1

CERTIFICATE OF MAILING
(37 C.F.R. §1.10)

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as 'Express Mail Post Office To Addressee' in an envelope addressed to the Commissioner for Patents, Washington, D.C. 20231.

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January 17, 2002
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Denise N. Doss
Name of Person Mailing Paper
Denise N. Doss
Signature of Person Mailing Paper

II. ADDITIONAL PAPERS ENCLOSED IN CONNECTION WITH THIS FILING:

- ☐ Declaration
☐ Power of Attorney ☐ Separate ☐ Combined with Declaration
☐ Assignment to _____ and assignment cover sheet
☐ Certified Copy of Priority Document No(s): _____
☐ Information Disclosure Statement w/PTO 1449 ☐ Copy of Citations
☐ Preliminary Amendment
☐ Request and Certification under 35 U.S.C. § 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35
☒ Return Postcard
☐ Other: _____

III. PRIORITY

- ☐ Priority of application Serial No. _____ filed on _____ in _____ is claimed under 35 U.S.C. § 119.

IV. THE FILING FEE HAS BEEN CALCULATED AS SHOWN BELOW:

- ☒ Applicant claims small entity status pursuant to 37 CFR § 1.27

BASIC FILING FEE:						\$740.00
Total Claims	18	-	20	=	0	x \$18.00 \$0.00
Independent Claims	1	-	3	=	0	x \$84.00 \$0.00
Multiple Dependent Claims	\$280	(if applicable)			<input type="checkbox"/>	\$0.00
TOTAL OF ABOVE CALCULATIONS						\$740.00
Reduction by ½ for Filing by Small Entity, if applicable, as asserted above. Note 37 CFR §§ 1.9, 1.27, 1.28.						<input checked="" type="checkbox"/> \$370.00
Misc. Filing Fees (Recordation of Assignment -- \$40)						\$0.00
TOTAL FEES TO BE PAID WITH MISSING PARTS SUBMISSION						\$370.00

V. METHOD OF PAYMENT OF FEES

- ☐ A check in the amount of _____.
☐ Charge Lyon & Lyon's Deposit Account No. **12-2475** in the amount of _____.
☒ This application is being filed without fee or Declaration under 37 CFR § 1.53.

VI. AUTHORIZATION TO CHARGE FEES

The Commissioner is authorized to credit any overpayment and to charge any underpayment to Lyon & Lyon's Deposit Account No. **12-2475** for the following:

- ☐ 37 CFR § 1.16 – (Filing fees and excess claims fees)
☐ 37 CFR § 1.17 – (Any application processing fees)
☐ 37 CFR § 1.21 – (Assignment recording fees)

VII. CORRESPONDENCE ADDRESS

Please send all correspondence to Customer Number 22249:



22249

PATENT TRADEMARK OFFICE


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Please direct all inquiries to David B. Murphy, at the above customer number.

Respectfully submitted,

LYON & LYON LLP

Dated: January 17, 2002

By: 
David B. Murphy
Reg. No. 31,125